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Date 5/1/13
Version 1.0

PRODUCT COMPARISON MATRIX

Analog Portables

	PR860	HT750	HT1250	EX500	MT1500	PR400	HT1250LS+	EX560XLS	EX600XLS
General									
Display	N/A	N/A	14-Character Alphanumeric	N/A	Optional 4/12- Character Alphanumeric	Optional 8- Character Alphanumeric	14 Character Alphanumeric	14 Character Alphanumeric	14 Character Alphanumeric
Expansion Card Capable	Y	Y	Y	N/A	N/A	Y	Y	N/A	N/A
Frequency Bands	VHF/UHF/Lowband	VHF/UHF/Lowband	VHF/UHF/Lowband	VHF/UHF	VHF/UHF/800	VHF/UHF	VHF/UHF	VHF/UHF	VHF/UHF
Ingress Protection Rating	IP54	IP54	IP54	Optional/IP67	IP54	IP54	IP54	Standard IP67	IP54
Intrinsically Safe Option	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Standard	Optional
Keypad	N/A	N/A	Limited/Full	N/A	N/A	None/Limited/Full	Limited/Full	Limited	Full
Max. # of Channels	16	16	16	16	16	16/32/64	32	160	160
Max. # of Zones	N/A	N/A	8	N/A	6	N/A	15	15	15
Password Lock	N/A	N/A	Full Keypad Only	N/A	N/A	N/A	Y	Y	Y
Power Output	5W(V) 4W(U)	5W(V) 4W(U)	5W(V) 4W(U)	5W(V) 4W(U)	5W(V) 5W(U)	5W(VHF) 4W(UHF)	5W(V) 4W(U)	5W(V) 4W(U)	5W(V) 4W(U)
Third Party Applications	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Analog Conventional	✓	✓	✓	✓	✓	✓	✓	✓	✓
12.5 KHz Channel Bandwidth	Y	Y	Y	Y	Y	Y	Y	Y	Y
And/Or Signaling Squelch in MDC 1200	Y	Y	Y	Y	Y	Y	Y	Y	Y
And/Or Signaling Squelch in Quik-Call II	Y	Y	Y	Y	Y	Y	Y	Y	Y
Bluetooth Audio	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CSQ/TPL/DPL Squelch Type	Y	Y	Y	Y	Y	Y - 32/64Ch	Y	Y	Y
DTMF Hot Keypad	N/A	N/A	Y	N/A	N/A	Y	Y	Y	Y
Escalart Tone	Y	Y	Y	Y	N/A	Y	Y	Y	Y
Lone Worker	N/A	Y	Y	N/A	N/A	N/A	Y	N/A	N/A
Man Down	N/A	Y	Y	N/A	N/A	N/A	Y	N/A	N/A
MDC 1200 Sig. Call Alert	Decode	Decode	Encode/Decode	Decode	Request-To-Talk	16Ch-Dec Only 32/64Ch-Enc/Dec	Encode/Decode	Encode/Decode	Encode/Decode
MDC 1200 Sig. Emergency	Encode	Encode	Encode	Encode	Y - Silent Emergency	N/A	Encode	Encode	Encode
MDC 1200 Sig. PTT-ID	Encode	Encode	Encode/Decode	Encode	Encode	16Ch-Enc Only 32/64Ch-Enc/Dec	Encode/Decode	Encode/Decode	Encode/Decode
MDC 1200 Sig. Selective Call	Decode	Decode	Encode/Decode	Decode	N/A	16Ch-Enc Only 32/64Ch-Enc/Dec	Encode/Decode	Encode/Decode	Y
MDC 1200 Sig. Status Messages	N/A	N/A	N/A	N/A	Y	N/A	Encode	N/A	N/A
MDC 1200 Sig. Radio Check	Decode	Decode	Encode/Decode	Decode	Y	Decode	Encode/Decode	Encode/Decode	Encode/Decode
MDC 1200 Sig. Remote Monitor	N/A	N/A	N/A	Y	N/A	N/A	N/A	NA	N/A
Quik-Call II Signaling	Decode	Decode	Encode/Decode	Decode	N/A	All Decode 32/64Ch Enc/Dec	Encode/Decode	Encode/Decode	Encode/Decode
Scan	Y	Y	Y	Y	Y	Y	Y	Y	Y
Scan (Operator Selectable On/Off)	N/A	N/A	Y	N/A	Y	Y	Y	Y	Y
Scan with Dual Priority Levels	N/A	N/A	Y	N/A	Y	Y	Y	Y	Y
Talk Around	Y	Y	Y	Y	Y	Y	Y	Y	Y
VOX (Voice Operated Transmit)	Y	Y	Y	Y	N/A	Y	Y	Y	Y
X-Pand Companding Audio Enhancement	Y	Y	Y	Y	N/A	Y	Y	Y	Y
LTR/PassPort Trunking (Analog)	N/A	N/A	N/A	N/A	N/A	LTR	LTR/Passport	LTR	LTR
Max. # of Groups	N/A	N/A	N/A	N/A	N/A	16(16Ch) 100(32/64Ch)	16	16	16
Max. # of Trunked Systems	N/A	N/A	N/A	N/A	N/A	4(16Ch)	15	15	15
LTR									
Busy Queuing and Call Back	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GPS (TrAVL data)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MDC 1200 Sig. Call Alert	N/A	N/A	N/A	N/A	N/A	N/A	Encode/Decode	Encode/Decode	Encode/Decode
MDC 1200 Sig. Emergency	N/A	N/A	N/A	N/A	N/A	N/A	Encode	Encode	Encode
MDC 1200 Sig. PTT-ID	N/A	N/A	N/A	N/A	N/A	Y	Encode/Decode	Encode/Decode	Encode/Decode
Scan (Group)	N/A	N/A	N/A	N/A	N/A	N/A	Y	Y	Y
Scan (LTR and Conventional- option board)	N/A	N/A	N/A	N/A	N/A	Y	Y	Y	Y
Scan (Operator Selectable On/Off)	N/A	N/A	N/A	N/A	N/A	Y	Y	Y	Y
Scan with Priority	N/A	N/A	N/A	N/A	N/A	Y	Y	Y	Y
X-Pand Companding Audio Enhancement	N/A	N/A	N/A	N/A	N/A	Y	Y	Y	Y

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	PR860	HT750	HT1250	EX500	MT1500	PR400	HT1250LS+	EX560XLS	EX600XLS
Classic PassPort									
All Call	N/A	N/A	N/A	N/A	N/A	N/A	Y	N/A	N/A
Automatic Site Registration	N/A	N/A	N/A	N/A	N/A	N/A	Y	N/A	N/A
Automatic Site Roaming	N/A	N/A	N/A	N/A	N/A	N/A	Y	N/A	N/A
Band 5B Frequency Assignments	N/A	N/A	N/A	N/A	N/A	N/A	N/A Band 12	N/A	N/A
Bluetooth Audio	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Busy Queuing and Call Back	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Call Alert	N/A	N/A	N/A	N/A	N/A	N/A	Y	N/A	N/A
Direct Frequency Assignment	N/A	N/A	N/A	N/A	N/A	N/A	Y	N/A	N/A
Escalart Tone	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ESN System Access Verification	N/A	N/A	N/A	N/A	N/A	N/A	Y	N/A	N/A
Fallsort Operation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GPS (TrAVL data)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Group Call	N/A	N/A	N/A	N/A	N/A	N/A	Y	N/A	N/A
Home Channel Revert	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Home System Lookback	N/A	N/A	N/A	N/A	N/A	N/A	Y	N/A	N/A
Lone Worker	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Man Down	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Multi-group Call	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Neighbor List DFA	N/A	N/A	N/A	N/A	N/A	N/A	Y	N/A	N/A
Privacy (Basic)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Privacy (Enhanced)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Private (Selective) Call	N/A	N/A	N/A	N/A	N/A	N/A	Y	N/A	N/A
PTT-ID (MIN View)	N/A	N/A	N/A	N/A	N/A	N/A	Y	N/A	N/A
Scan (Group)	N/A	N/A	N/A	N/A	N/A	N/A	Y	N/A	N/A
Scan (Mixed Mode - Analog/Digital Channels)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Scan (Operator Selectable On/Off)	N/A	N/A	N/A	N/A	N/A	N/A	Y	N/A	N/A
Scan with Dual Priority	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Site Lock/Roam Request	N/A	N/A	N/A	N/A	N/A	N/A	Y	N/A	N/A
Stun/Kill	N/A	N/A	N/A	N/A	N/A	N/A	Y	N/A	N/A
Talk Around	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Telephone Interconnect	N/A	N/A	N/A	N/A	N/A	N/A	Y	N/A	N/A
Text Messaging	N/A	N/A	N/A	N/A	N/A	N/A	Y	N/A	N/A
Transmit Interrupt	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Classic PassPort (Continuation)									
VOX (Voice Operated Transmit)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
X-Pand Companding Audio Enhancement	N/A	N/A	N/A	N/A	N/A	N/A	Y	N/A	N/A
Enhanced PassPort (Additional Features)									
Channel Backup	N/A	N/A	N/A	N/A	N/A	N/A	Y	N/A	N/A
Emergency	N/A	N/A	N/A	N/A	N/A	N/A	Y	N/A	N/A
Message Trunking	N/A	N/A	N/A	N/A	N/A	N/A	Y	N/A	N/A
Selective Call Across Talkgroups	N/A	N/A	N/A	N/A	N/A	N/A	Y	N/A	N/A
User Priority Access Levels	N/A	N/A	N/A	N/A	N/A	N/A	Y	N/A	N/A

GENERAL NOTES

* Analog Portable subscriber features are based on the latest radio firmware, option board firmware and CPS versions

* Some features may require additional infrastructure equipment or licensing (i.e. GPS, Telephone Interconnect

* Motorola Solutions Customer Service at 1-800-927-2744.

* Table entry Y = Available.

* Table entry N/A = Not Available or Not Applicable.

* Table entry = Optional. Feature requires additional hardware and/or software license